- U. S. Patent 4,971,908, issued Nov. 20, 1990.
- U. S. Patent 4,987,071, issued Jan. 22, 1991.
- U. S. Patent 5,023,179, issued Jun. 11, 1991.
- U. S. Patent 5,024,837, issued Jun. 18, 1991.
- 5 U. S. Patent 5,126,133, issued Jun. 30, 1992.
 - U. S. Patent 5,176,995, issued Oct. 15, 1991.
 - U. S. Patent 5,322,687, issued Jun. 21, 1994.
 - U. S. Patent 5,334,711, issued Aug. 2, 1994.
 - U. S. Patent 5,380, 831, issued Jan. 10, 1995.
- 10 U. S. Patent 5,424,412, issued June 13, 1995.
 - U. S. Patent 5,441,884, issued Aug. 15, 1995.
 - U. S. Patent 5,463,175, issued Oct. 31, 1995.
 - U. S. Patent 5,500,365, issued Mar 19, 1996.
 - Intl. Pat. Appl. Publ. No. PCT/US87/00880.
- 15 Intl. Pat. Appl. Publ. No. PCT/US89/01025.
 - Intl. Pat. Appl. Publ. No. WO 88/09812.
 - Intl. Pat. Appl. Publ. No. WO 88/10315.
 - Intl. Pat. Appl. Publ. No. WO 89/06700.
 - Intl. Pat. Appl. Publ. No. WO 91/03162.
- 20 Intl. Pat. Appl. Publ. No. WO 92/07065.
 - Intl. Pat. Appl. Publ. No. WO 92/110298.4.
 - Intl. Pat. Appl. Publ. No. WO 93/07278.
 - Intl. Pat. Appl. Publ. No. WO 93/15187.
 - Intl. Pat. Appl. Publ. No. WO 93/23569.
- 25 Intl. Pat. Appl. Publ. No. WO 94/02595.
 - Intl. Pat. Appl. Publ. No. WO 94/13688.
 - Eur. Pat. Appl. Publ. No. EP 0120516.
 - Eur. Pat. Appl. Publ. No. 295156A1.
 - Eur. Pat. Appl. Publ. No. 320,308.
- 30 Eur. Pat. Appl. Publ. No. 329,822.

15

20

5

Great Britain Pat. Appl. No. 2202328.

Abdullah et al., Biotechnology, 4:1087, 1986.

Adami and Nevins, In: RNA Processing, Cold Spring Harbor Laboratory, p. 26, 1988.

Adang, et al., In: Molecular Strategies for Crop Protection, Alan R. Liss, Inc., pp. 345-353, 1987.

Almond and Dean, Biochemistry, 32:1040-1046, 1993.

Angsuthanasamnbat et al., FEMS Microbiol. Lett., 111:255-262, 1993.

Aronson, Wu, and Zhang, "Mutagenesis of specificity and toxicity regions of a *Bacillus* thuringiensis protoxin gene", J. Bacteriol, 177:4059-4065, 1995.

10 Bagdasarian et al., Gene, 16:237, 1981.

Barton, et al., Plant Physiol., 85:1103-1109, 1987.

Baum et al., Appl. Environ. Microbiol., 56:3420-3428, 1990.

Baum, J. Bacteriol., 177:4036-4042, 1995.

Benbrook et al., In: Proceedings Bio Expo 1986, Butterworth, Stoneham, MA, pp. 27-54, 1986.

Bevan, M. et al., Nature, 304:184, 1983.

Bolivar et al., Gene, 2:95, 1977.

Brady and Wold, In: RNA Processing, Cold Spring Harbor Laboratory, p. 224, 1988.

Brown, Nucl. Acids Res., 14(24):9549, 1986.

Brussock and Currier, "Use of sodium dodecyl sulfate-polyacrylamide gel electrophoresis to quantify *Bacillus thuringiensis* δ-endotoxins," *In: Analytical Chemistry of Bacillus thuringiensis*, eds., Hickle and Fitch, The American Chemical Society. pp. 78-87, 1990.

Bytebier et al., Proc. Natl. Acad. Sci. USA, 84:5345, 1987.

Callis and Walbot, Genes and Develop., 1:1183-1200,1987.

Capecchi, "High efficiency transformation by direct microinjection of DNA into cultured mammalian cells," Cell, 22(2):479-488, 1980.

Caramori, Albertini, Galizzi, In vivo generation of hybrids between two Bacillus thuringiensis insect-toxin-encoding genes, Gene, 98:37-44, 1991.

10

15

20

25

Cashmore et al., In: Gen. Eng. of Plants, Plenum Press, New York, 29-38, 1983.

Chambers et al., Appl. Environ. Microbiol., 173:3966-3976, 1991.

Chau et al., Science, 244:174-181, 1989.

Chen et al., Nucl. Acids Res., 20:4581-9, 1992.

- 5 Chen, Curtiss, Alcantara, Dean., "Mutations in domain I of *Bacillus thuringiensis* δ-endotoxin CryIAb reduce the irreversible binding of toxin to *Manduca sexta* brush border membrane vesicles," *J. Biol. Chem.*, 270:6412-6419, 1995.
 - Chen, Lee, Dean, "Site-directed mutations in a highly conserved region of *Bacillus* thuringiensis δ-endotoxin affect inhibition of short circuit current across *Bombyx* mori midguts," Proc. Natl. Acad. Sci. USA, 90:9041-9045, 1993.

Chowrira and Burke, Nucl. Acids Res., 20:2835-2840, 1992

Clapp, "Somatic gene therapy into hematopoietic cells. Current status and future implications," *Clin. Perinatol.*, 20(1):155-168, 1993.

Conway and Wickens, In: RNA Processing, Cold Spring Harbor Laboratory, p. 40, 1988.

Cornellssen et al., EMBO J., 5(1):37-40, 1986.

Cristou et al., Plant Physiol, 87:671-674, 1988.

- Curiel, Agarwal, Wagner, Cotten. "Adenovirus enhancement of transferrin-polylysine-mediated gene delivery," *Proc. Natl. Acad. Sci. USA*., 88(19):8850-8854, 1991.
- Curiel, Wagner, Cotten, Birnstiel, Agarwal, Li, Loechel, Hu, "High-efficiency gene transfer mediated by adenovirus coupled to DNA-polylysine complexes," *Hum. Gen. Ther.*, 3(2):147-154, 1992.

Daar et al., In: RNA Processing, Cold Spring Harbor Laboratory, p. 45, 1988.

de Maagd, Kwa, van der Klei, Yamamoto, Schipper, Vlak, Stiekema, Bosch, "Domain III substitution in *Bacillus thuringiensis* delta-endotoxin CryIA(b) results in superior toxicity for *Spodoptera exigua* and altered membrane protein recognition," *Appl. Environ. Microbiol.*, 62:1537-1543, 1996.

Dean et al., Nucl. Acids Res., 14(5):2229, 1986.

Dedrick et al., J. Biol. Chem., 262(19):9098-1106, 1987.

Dhir et al., Plant Cell Reports, 10:97, 1991.